

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/00520

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01V3/12		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01V H01Q G01S		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ, INSPEC		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 094 157 A (COWDRICK DENNIS H) 25 July 2000 (2000-07-25) abstract; figures 8-11 column 11, line 8 - line 54 ---	1
A	US 6 091 354 A (BECKNER FREDERICK L ET AL) 18 July 2000 (2000-07-18) abstract; figure 4C column 7, line 35 - line 45 ---	1
A	US 6 084 412 A (GUO YANPING ET AL) 4 July 2000 (2000-07-04) abstract; figure 1 column 3, line 56 -column 4, line 25 ---	1
A	US 5 634 378 A (BURKHARDT JR FRED R ET AL) 3 June 1997 (1997-06-03) abstract; figure 1 -----	1
<input type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*G* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search <div style="text-align: center; font-weight: bold;">4 April 2003</div>		Date of mailing of the international search report <div style="text-align: center; font-weight: bold;">16/04/2003</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2260 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016		Authorized officer <div style="text-align: center; font-weight: bold;">Niemeijer, R</div>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6094157	A	25-07-2000	AU 4243597 A GB 2332799 A WO 9810310 A1	26-03-1998 30-06-1999 12-03-1998
US 6091354	A	18-07-2000	NONE	
US 6084412	A	04-07-2000	US 2002030492 A1	14-03-2002
US 5634378	A	03-06-1997	NONE	

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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